

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	797	84/622.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L5	107	L4 and "organ"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L6	45	((church pipe) adj organ) same (synthesizer synthesis synthesize)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L7	6244	(organ) same (synthesizer synthesis synthesize)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L8	669	L7 and (noise aleatory random) and (delay)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L9	25	L8 and sinusoid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L10	13229	((linear with passive) resonator) and (((nonlinear (non adj linear)) with active) excitation)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L11	12	L10 and (physical adj modeling)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49

## EAST Search History

L12	45	L10 and (physical adj (modeling model))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L13	22	L12 and (synthesis synthesizer synthesize)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:49
L14	9	(L5 L6 L13 L9 L11 L12) and @pd>="20061215"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:50
S1	4	("5587548" "5521328").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 16:33
S2	8	("5519167" "5554813" "5777255" "5451711").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 11:37
S3	2	"20060201312".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 13:10
S4	787	84/622.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 13:10
S5	105	S4 and "organ"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 15:57

## EAST Search History

S7	100	(US-20050038683-\$).did. or (US-6387696-\$ or US-6274719-\$ or US-6362009-\$ or US-6041635-\$ or US-5883175-\$ or US-6399557-\$ or US-6117558-\$ or US-4299871-\$ or US-5722708-\$ or US-6475753-\$ or US-6420567-\$ or US-5550603-\$ or US-5942134-\$ or US-6121208-\$ or US-6206820-\$ or US-5758774-\$ or US-5893523-\$ or US-5953039-\$ or US-6462007-\$ or US-5426558-\$ or US-5716961-\$ or US-5839293-\$ or US-6017513-\$ or US-6080769-\$ or US-6096291-\$ or US-6174903-\$).did. or (US-6376445-\$ or US-6403337-\$ or US-6440911-\$ or US-4861997-\$ or US-6113630-\$ or US-6182668-\$ or US-H002043-\$ or US-5410604-\$ or US-5647644-\$ or US-6251629-\$ or US-6255075-\$ or US-6274361-\$ or US-6277595-\$ or US-6287807-\$ or US-6294652-\$ or US-6303771-\$ or US-6309866-\$ or US-6312932-\$ or US-6331411-\$ or US-6346397-\$ or US-6353093-\$ or US-6361965-\$ or US-6432703-\$ or US-6410781-\$ or US-4437660-\$ or US-5600931-\$ or US-5802670-\$).did. or (US-5630051-\$ or US-5773972-\$ or US-6355616-\$ or US-6436703-\$ or US-5245810-\$ or US-5467445-\$ or US-5860607-\$ or US-6265428-\$ or US-6342610-\$ or US-6384261-\$ or US-5262949-\$ or US-5490420-\$ or US-6317248-\$ or US-6449082-\$ or US-4574984-\$ or US-5842226-\$ or US-6020909-\$ or US-4863519-\$ or US-5410519-\$ or US-5563849-\$ or US-5836057-\$ or US-5854645-\$ or US-5971025-\$ or US-6095110-\$ or US-6232581-\$ or US-6241519-\$ or US-6423487-\$).did. or (US-6361946-\$ or US-4920746-\$ or US-6105856-\$ or US-4498461-\$ or US-4401077-\$ or US-4503973-\$ or US-4564771-\$ or US-4621542-\$ or US-4755994-\$ or US-4762377-\$ or US-4769504-\$ or US-4826080-\$ or US-4903516-\$ or US-4916248-\$ or US-4916908-\$ or US-4948818-\$ or US-4955015-\$ or US-4970329-\$ or US-4976983-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/21 15:54
S8	41	S7 and (synthesizer synthesis synthesize)	US-PGPUB; USPAT	OR	ON	2006/11/21 15:55
S9	1	((CARLO) near2 (ZINATO)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/21 16:24

## EAST Search History

S10	2	((CARLO) near2 (ZINATO)).INV.	EPO; JPO; DERWENT	OR	ON	2006/11/21 16:24
S12	1	"periodic impulsive deterministic sequence"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 18:09
S13	1	periodic near2 impulsive near2 deterministic near2 sequence	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 17:42
S14	44	((church pipe) adj organ) same (synthesizer synthesis synthesize)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:40
S15	7	S14 and (noise aleatory random) and (delay)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:40
S16	5810	(organ) same (synthesizer synthesis synthesize)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:41
S17	606	S16 and (noise aleatory random) and (delay)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:41
S18	21	S17 and sinusoid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:52
S19	12563	((linear with passive) resonator) and (((nonlinear (non adj linear)) with active) excitation)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:49

## EAST Search History

S20	11	S19 and (physical adj modeling)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 17:32
S21	843	S19 and (organ same synthesizer synthesis synthesize)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:49
S22	43	S19 and (physical adj (modeling model))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:51
S23	21	S22 and (synthesis synthesizer synthesize)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 09:52
S24	260	84/659.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 11:39
S25	4	"4423655".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 17:03
S26	11	("3147333"   "3982071"   "4010668"   "4027101"   "4236434"   "4275267").PN. OR ("4423655").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/29 17:05
S27	21	84/620.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 17:07
S28	42	84/686.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 17:15

## EAST Search History

S29	14	(S27 S28) and (random noise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 17:17
S30	2025	84/620,622,659,626,627,662,663.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 17:33
S31	77	S30 and (noise aleatory random) and (organ) and delay	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 07:10
S32	322	("physical modeling" "waveguide" (wave adj guide)) and (noise aleatory random) and delay and organ	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 06:58
S37	150	S32 and (sinusoid sinusoidal oscillator)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 06:59
S38	84	S37 and synth\$7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 07:04
S39	18	S32 and (music musical)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 07:06

## EAST Search History

S40	171	("3147333"   "3515792"   "3610799"   "3610801"   "3639913"   "3696201"   "3697661"   "3740450"   "3743755"   "3755608"   "3763364"   "3982071"   "4010668"   "4027101"   "4108036"   "4236434"   "4275267"   "4296384"   "4344148"   "4389540"   "4408512"   "4548119"   "4554858"   "4633500"   "4649783"   "4736663"   "4984276"   "5157216"   "5187313"   "5192825"   "5223656"   "5286913"   "5286914"   "5308918"   "5340942"   "5359146"   "5373098"   "5382751"   "5403969"   "5408042"   "5451707").PN. OR ("3809789"   "4423655"   "4984276"   "5157216"   "5508473"   "5521328"   "5587548").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 07:10
S41	43	S40 and organ	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 07:11
S43	19	S41 and (noise random aleatory)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 07:13
S44	24	S41 not S43	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 07:13
S45	44	84/659.ccls. and organ	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 11:39
S46	155654	("physical modeling" waveguide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 20:39
S49	722	("physical modeling" waveguide) with synthesi\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 20:39
S50	44	S49 and (700/94.ccls. "84".clas.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 11:48